

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038221.D
 Acq On : 11 Oct 2023 12:03
 Operator : JC/MD
 Sample : 04782-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Oct 12 02:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

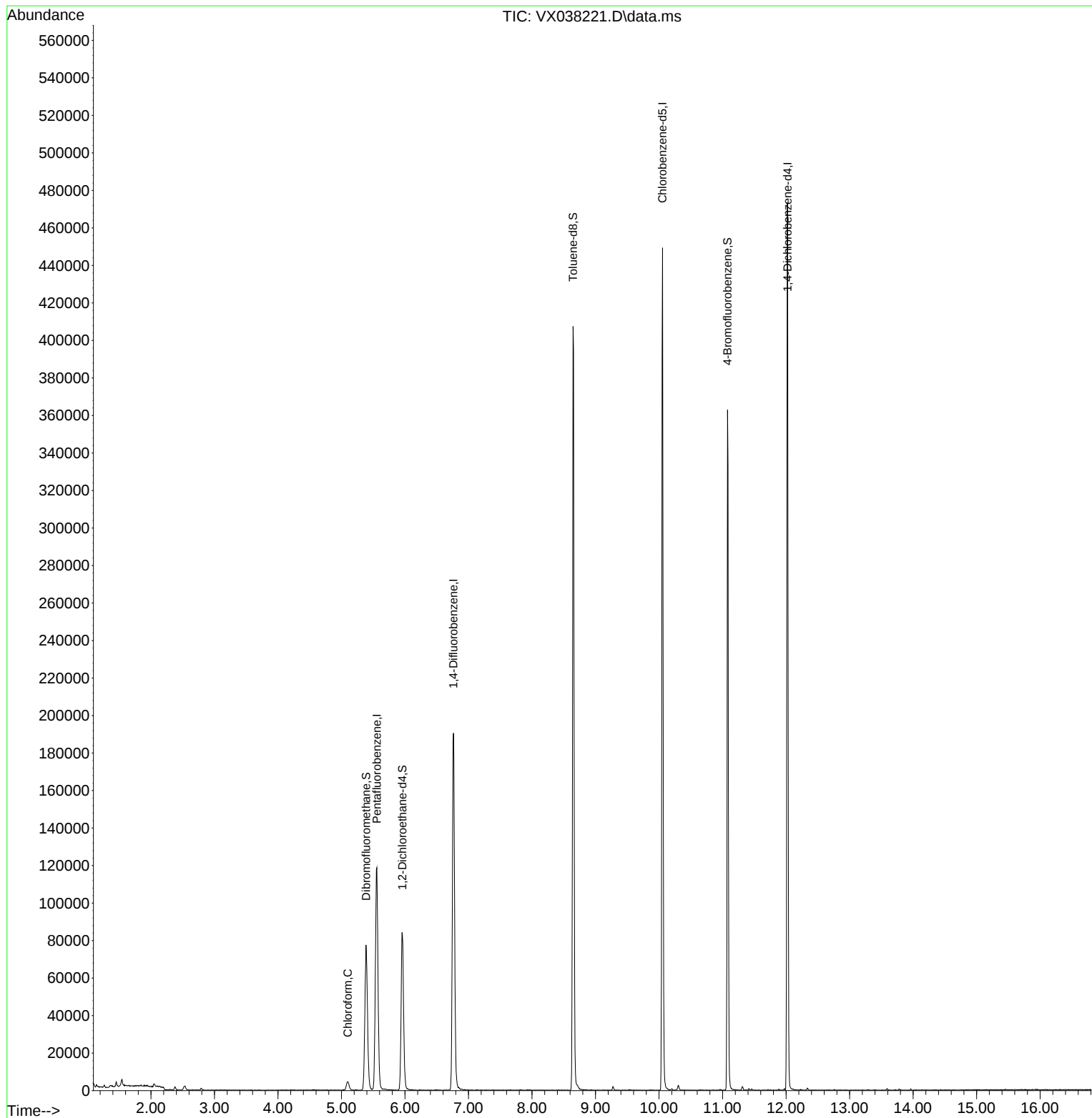
Internal Standards						
1) Pentafluorobenzene	5.556	168	109322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83051	47.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.385	113	64938	45.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	247614	45.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.900%#
62) 4-Bromofluorobenzene	11.079	95	91038	44.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.160%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	5847	2.350	ug/l	92

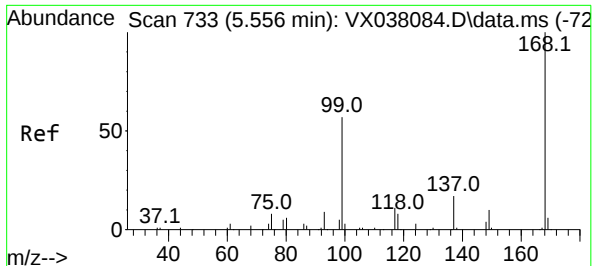
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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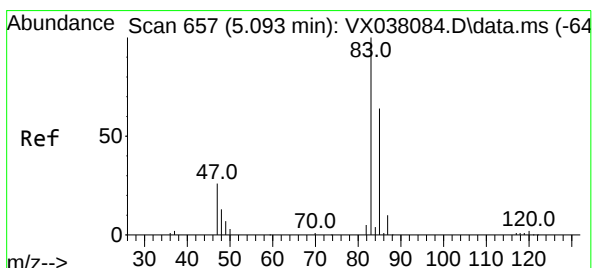
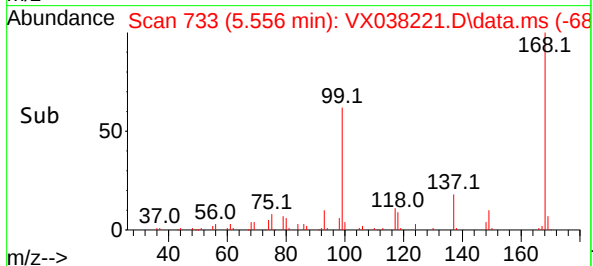
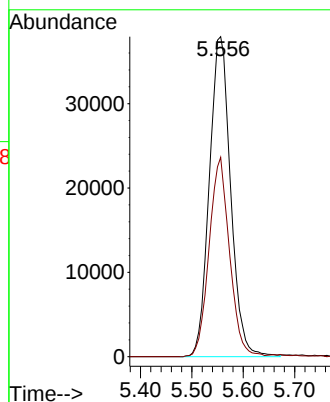
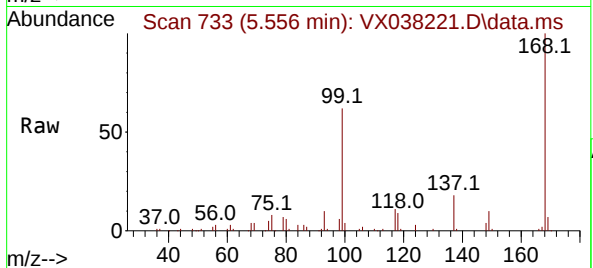




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

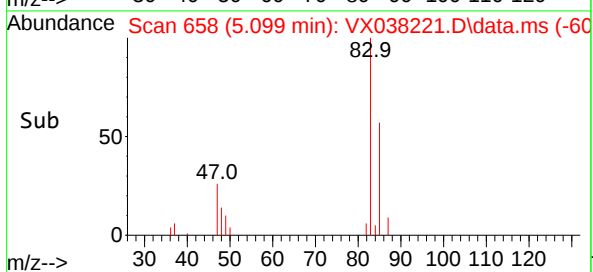
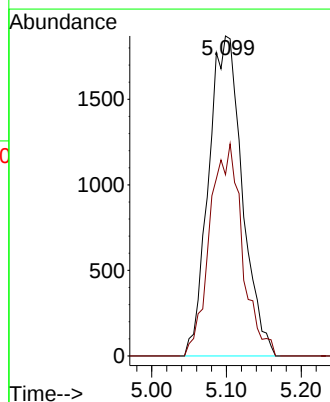
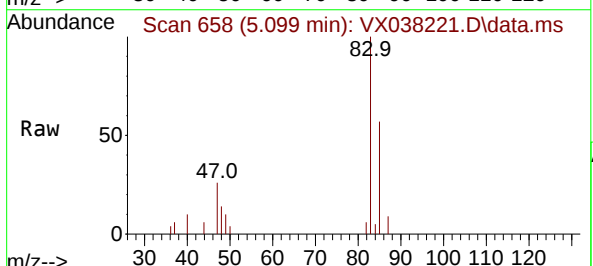
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

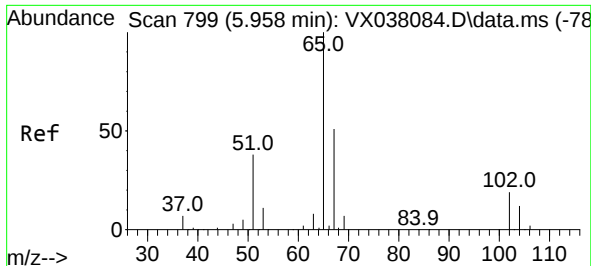
Tgt Ion:168 Resp: 109322
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#30
Chloroform
Concen: 2.350 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 83 Resp: 5847
Ion Ratio Lower Upper
83 100
85 56.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.232 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038221.D

Acq: 11 Oct 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

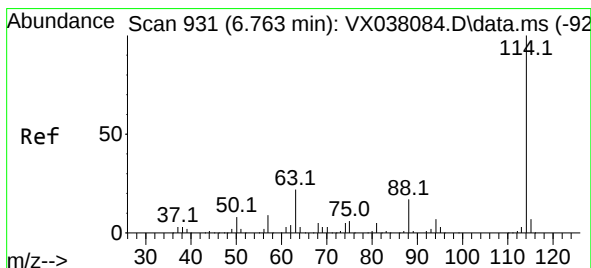
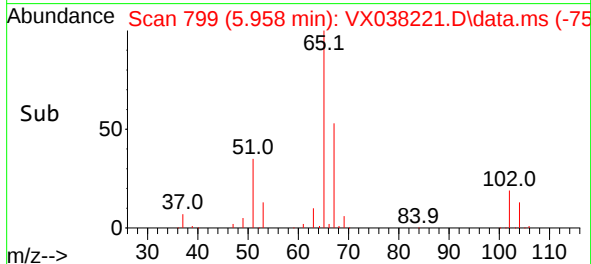
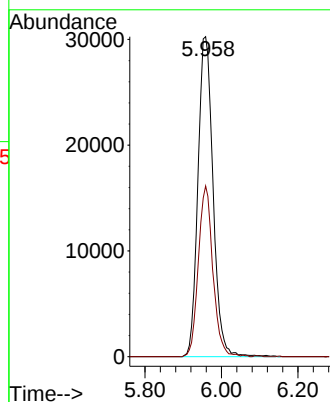
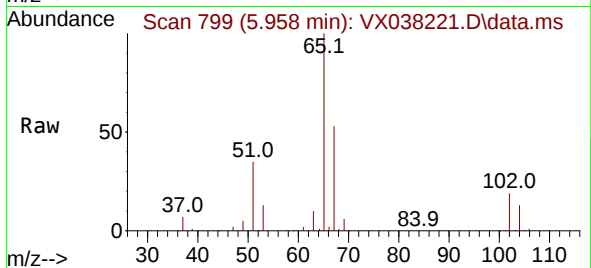
DUP-1

Tgt Ion: 65 Resp: 83051

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038221.D

Acq: 11 Oct 2023 12:03

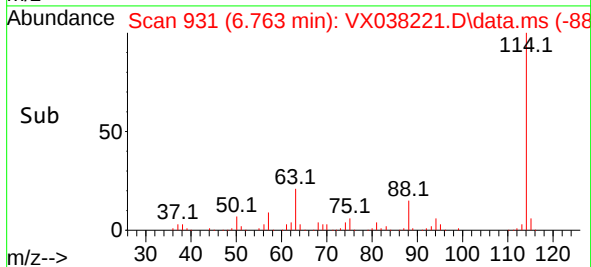
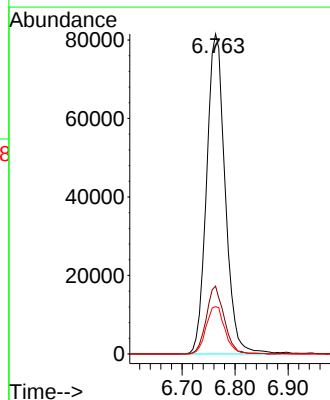
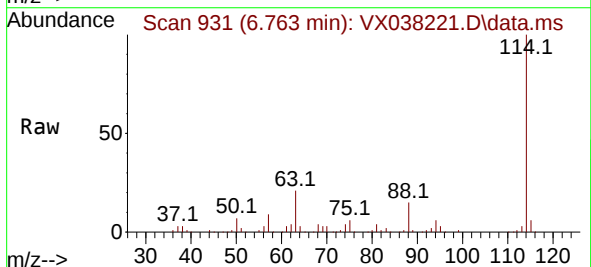
Tgt Ion: 114 Resp: 197850

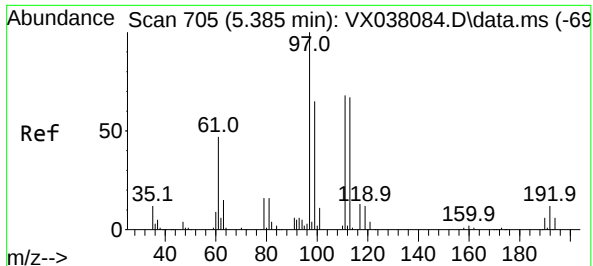
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.550 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038221.D

Acq: 11 Oct 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

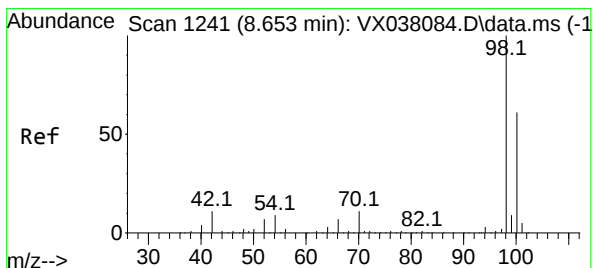
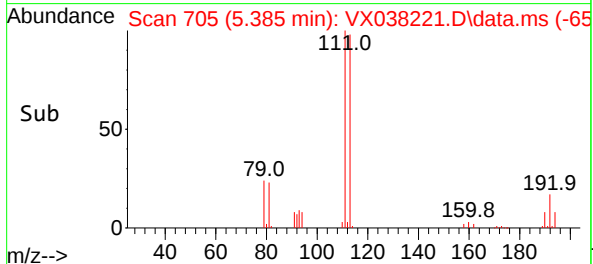
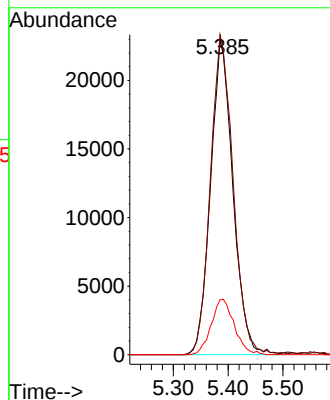
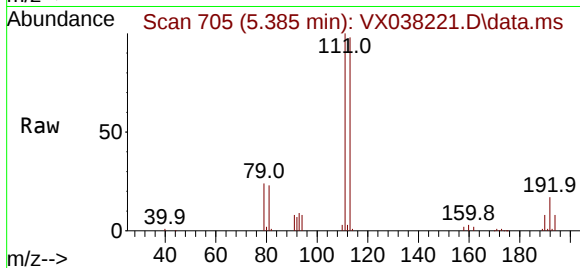
Tgt Ion:113 Resp: 64938

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.1 13.3 19.9



#50

Toluene-d8

Concen: 45.453 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038221.D

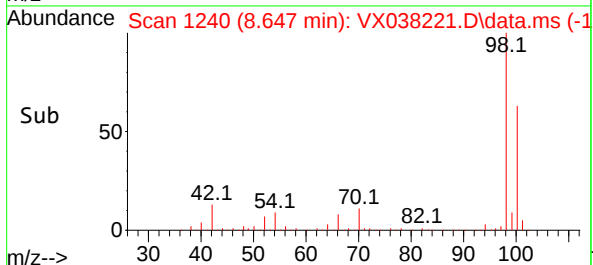
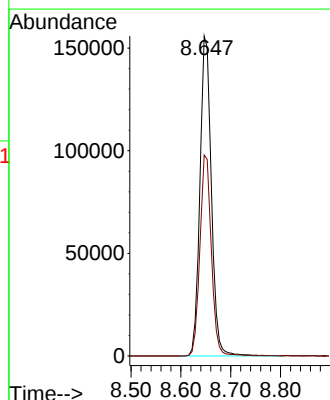
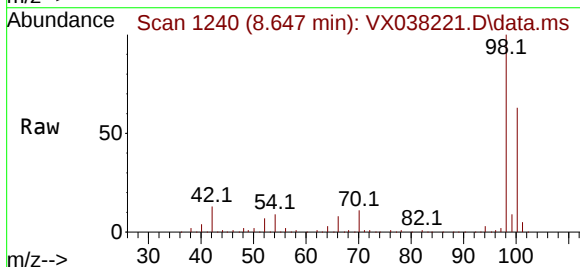
Acq: 11 Oct 2023 12:03

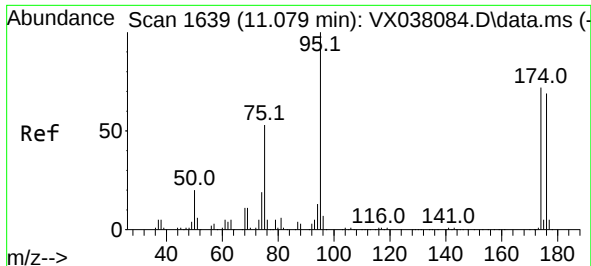
Tgt Ion: 98 Resp: 247614

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7

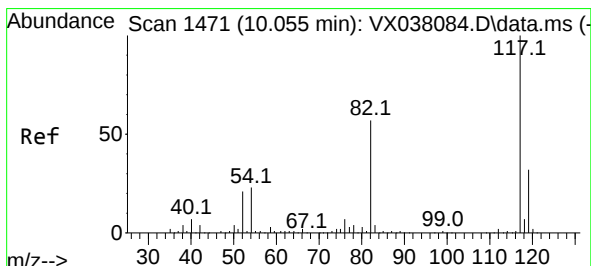
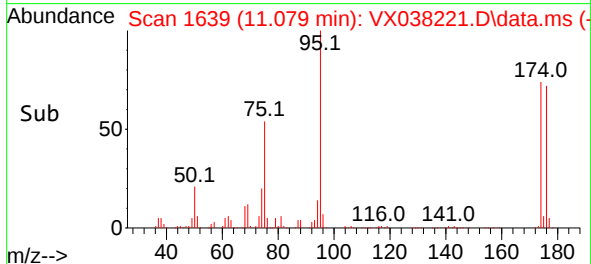
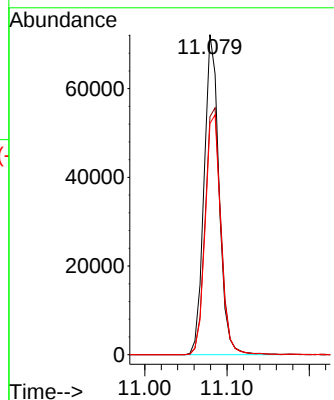
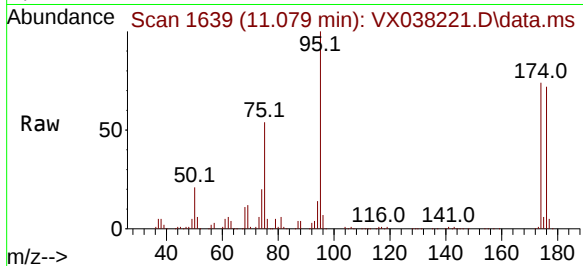




#62
4-Bromofluorobenzene
Concen: 44.080 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

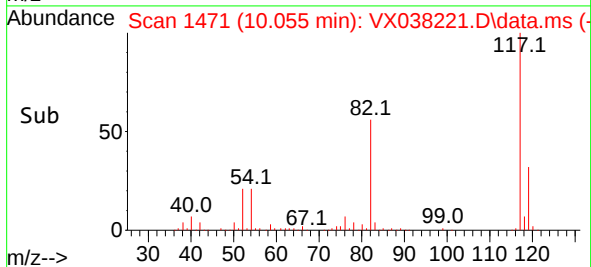
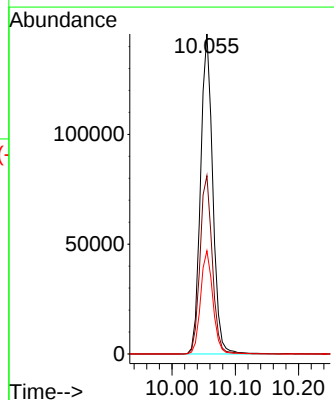
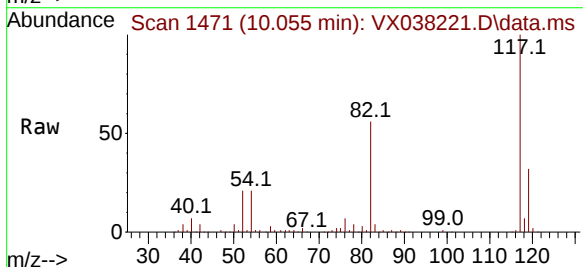
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

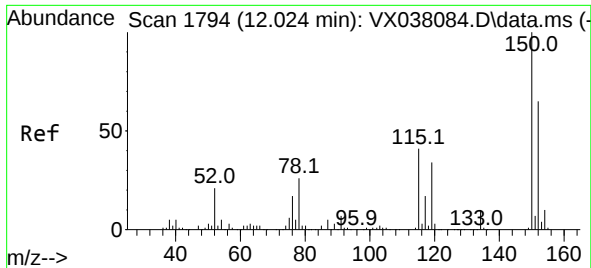
Tgt Ion: 95 Resp: 91038
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 117 Resp: 195307
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Tgt Ion:152 Resp: 98892
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 159.3 0.0 345.0

